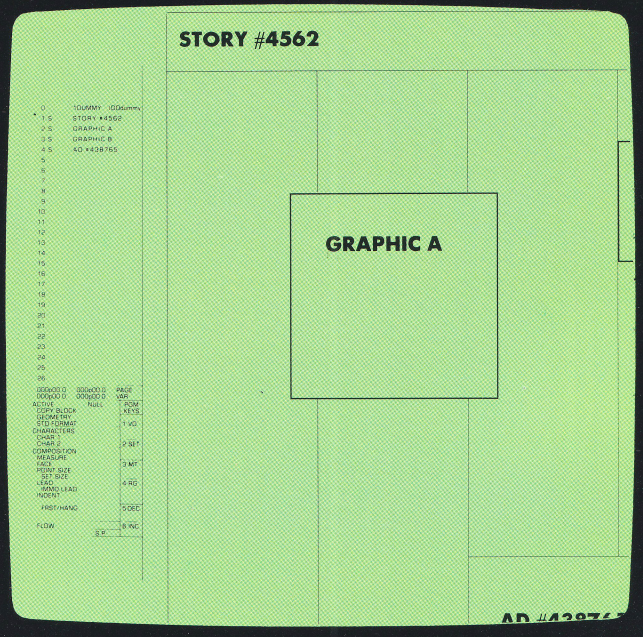
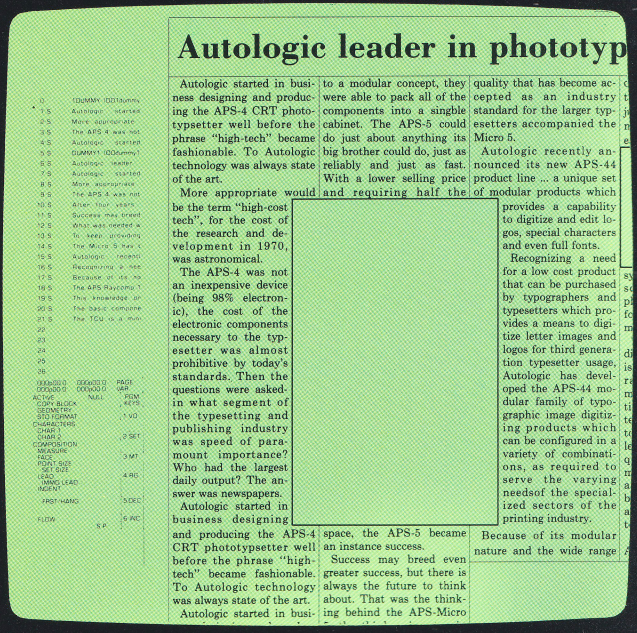
APS-Raycomp 100

DISPLAY AD AND
PAGE MAKEUP SYSTEM.
BY AUTOLOGIC



1. Page layout



2. Editorial page makeup

One terminal does the work of many.

1. Page layout

Start with ad stacking. Story layouts. Then set up exclusion areas for graphics, captions, and floaters.

2. Editorial page makeup

Now place story text into your layout, electronically. Perform interactive editing to cut stories that are too long. With a single command, air out stories that are too short.

3. Graphics

Scan in your line art and halftones. The system can automatically associate them with the proper text. Now, rotate, crop, size, and mortise graphics, right on the screen.

4. Display ad composition

Powerful commands make sophisticated composition functions quick and easy. Save hours of composition time by recalling and applying predefined formats; up to 900 may be stored in memory.

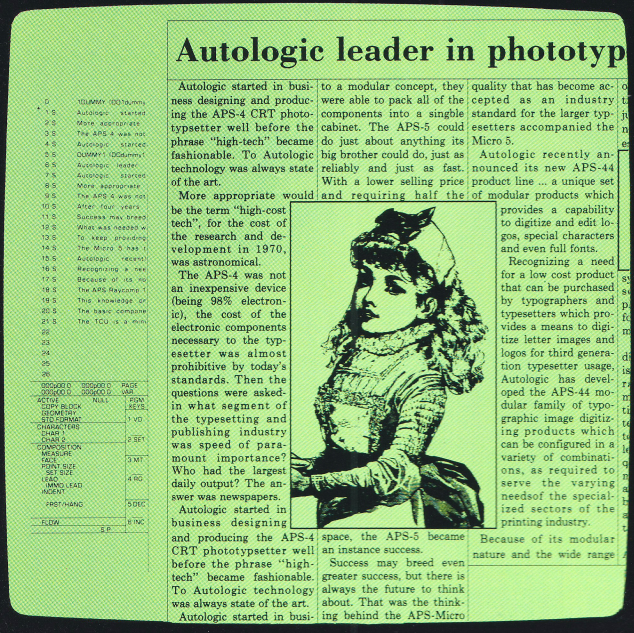
5. Database management

Maintain a large database of completed ads, blocks of text, and/or graphics, which may be retrieved, merged, and manipulated. Any section of an existing ad may be changed, to produce an updated version quickly.

6. Completed page

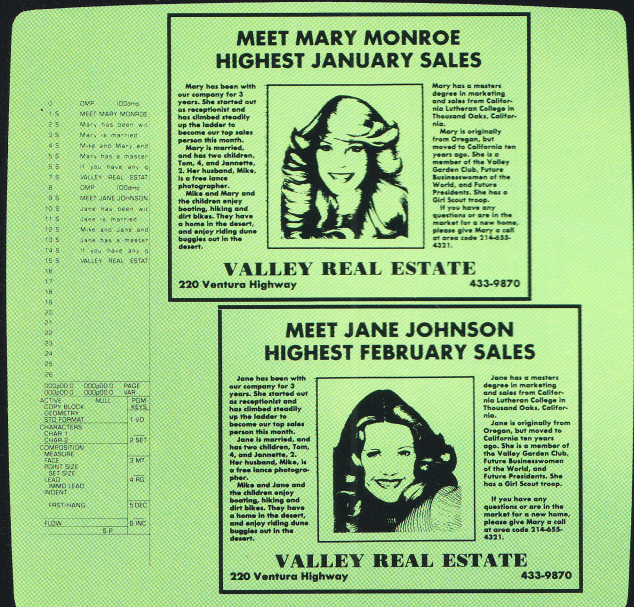
The full page is now ready for typesetting, complete with ads and graphics. Output the entire broadsheet page. Or, for typesetters with less than 100-pica capability, the system will automatically split the output.

Screens are simulated

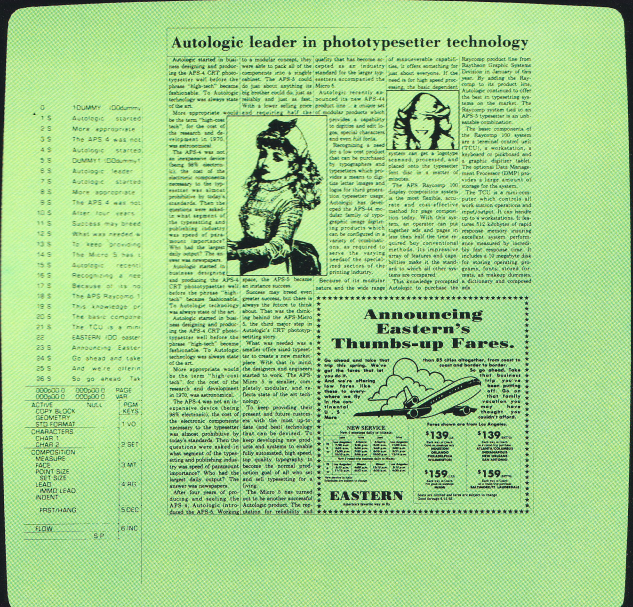


3. Graphics

4. Display ad composition



5. Database management



6. Completed page

Graphic page makeup in half the time.

Autologic's APS-Raycomp 100 eliminates the most time consuming aspects of manual page makeup.

Entire display ads and broadsheet newspaper pages, with text and graphics in position, are laid out, composed, and modified on the screen. The made-up page is ready for typesetter output in one piece, without pasteup.

The operator continuously views and interacts with what is being created, prior to typesetting. This, and the elimination of cutting and pasting, can reduce makeup time and cost by up to 50%.

A graphic difference

On-screen manipulation of halftones and line art is made possible by complete interactive page construction. The APS-Raycomp 100G Graphics System displays, sizes, rotates, crops, and mortises halftones and line art right on the screen.

Achieve the kerning and negative letter spacing so essential to quality typography. Create dash rules, character borders, and round corners.

Once a graphic is scanned, it can be used a number of times without taking up additional disk space.

The APS-Raycomp 100G makes manual pasteup of graphics a thing of the past.

A large screen with the power to be flexible

The 200 square inch, high resolution screen minimizes eye fatigue. It displays up to 20,000 characters at a time, flicker-free. In actual size, half size, or double size.

Zoom in on any area to make precise adjustments or modifications. The Graphic Digitizer Pen makes it easy to fit copy into pre-set boundaries or around unusual shapes. Then, zoom out to review the entire page.

Traditional composition functions such as indents, spreads, immediate lead, vertical justification, and quad commands can be performed with ease on the APS-Raycomp 100.

In addition to full-page makeup capacity, the APS-Raycomp 100 has other powerful features.

For example, it provides several ways to set up tabular columns quickly, without the use of a calculator.

With the "blocking" feature, treat entire sets of copy blocks, graphics, rectangles, and rules as one unit. Move entire ads or portions of ads at will. Apply a format or change the typeface for all elements in one or more blocks with a single command, instead of addressing each area individually. Large amounts of text may be blocked together and flowed into columns as a single unit.

Design and store up to 900 standard formats, for use by each workstation, in any ad. This feature alone can save hours of composition time.

Database management

The APS-Raycomp 100 features a Database Management Processor capable of storing 10,000 ads on a 300 megabyte disk. Multiple 300 megabyte drives are available in mirrored pairs.

Ads can be called up at the workstation in a few seconds. To facilitate access, a selection mask may be set up for quickly locating ads according to criteria stored for that ad. Set up criteria for customized headers such as "Advertiser's name/salesman" or "Edition/section/page number."

Each user may create his own masks to sort through the entire database and access ads as needed. Management information and relevant accounting data can also be included in headers. For example, a listing of all ads chargeable to a certain customer can be used to extract billing information.

AUTOLOGIC TCU
AUTOLOGIC GCP
Announcing
Eastern's
Thumbs-up Fares.
Prudential-Bache Securities

It is a personalized production tool.

The APS-Raycomp 100 was designed to conform to the user, and not vice versa. In a creative environment where composition skills are more important than computer expertise, a system must become a natural extension of familiar methods. The only difference is a major increase in productivity.

Select the most comfortable interface

Traditional skills can actually be transferred to this new tool. The APS-Raycomp 100 allows each operator to choose the most comfortable mode of interacting with the system.

An individual who is accustomed to typing might use the keyboard exclusively. Others may elect to use the Command Tablet, performing workstation functions by touching a labeled tablet with the Graphic Digitizer Pen.

The Command Tablet provides clear descriptions of each function in plain English, such as "Insert, Delete, Replace, Ad Select, Apply Format, Output." Words and numbers can also be entered with the Command Tablet and Graphic Digitizer Pen, without using the keyboard.

The system is thus designed to facilitate a smooth transition from manual to electronic page makeup.

The self-customizing workstation

A set of six programmable keys lets each operator "customize" the terminal, so that commonly used functions can be performed with a single keystroke. These keys can be reprogrammed at any time for each job and operator, increasing efficiency.

Speed is further increased by our Rapid Response hardware and software, which expedites such operations as column flow, airing, and character capture.

Comfortable with existing hardware

The APS-Raycomp 100 communicates with virtually any front end system. Enter text on existing terminals, and scan graphics for the 100G on a selected scanner. Optionally, two scanners may operate at the same time.

A fully composed page can be output at the highest speed on the APS-5/G, Autologic's typesetter with halftone graphics capability. The APS-Raycomp 100 is compatible with the entire line of APS-5 and APS-Micro 5 typesetters.

The system includes split output for typesetters with less than 100 pica capability. Page portions of any size can be individually output for corrections, if desired.

Rapid return on investment

By reducing pasteup, eliminating blind markup, and lowering materials costs, the APS-Raycomp 100 provides you with an excellent return on investment. In current installations, payback has been achieved well before the normal depreciation period.

Autologic pioneered digital typesetting. Now, with the powerful APS-Raycomp line of display ad and page makeup systems, along with a complete line of front end systems, Autologic is the only company to offer total pre-press automation.

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